

## Water Pumps for Forklift

Forklift Water Pump - The water pump is connected to the engine's crankshaft. It is a simple centrifugal pump which is driven by a belt which is attached to the crankshaft. When the engine is running, fluid is circulated by the pump.

The water pump uses centrifugal force so as to send water to the outside as it spins. This action causes fluid to be constantly drawn from the center of the pump. The pump inlet is located close to the center. This particular design enables fluid returning from the radiator to hit the pump vanes. The pump vanes are strategically located to fling the fluid outside of the pump so it enters the engine.

The fluid which is going out of the pump firstly flows throughout the cylinder head and engine block. The fluid then goes into the radiator and finally circulates back to the pump.